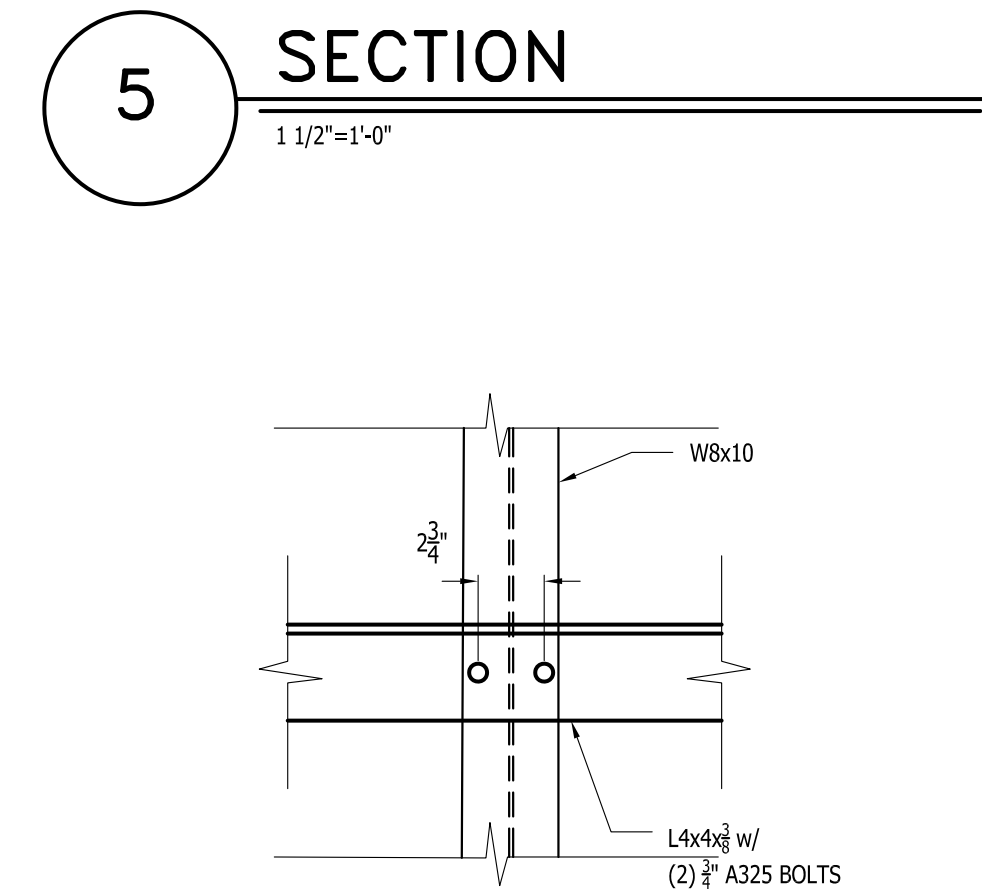
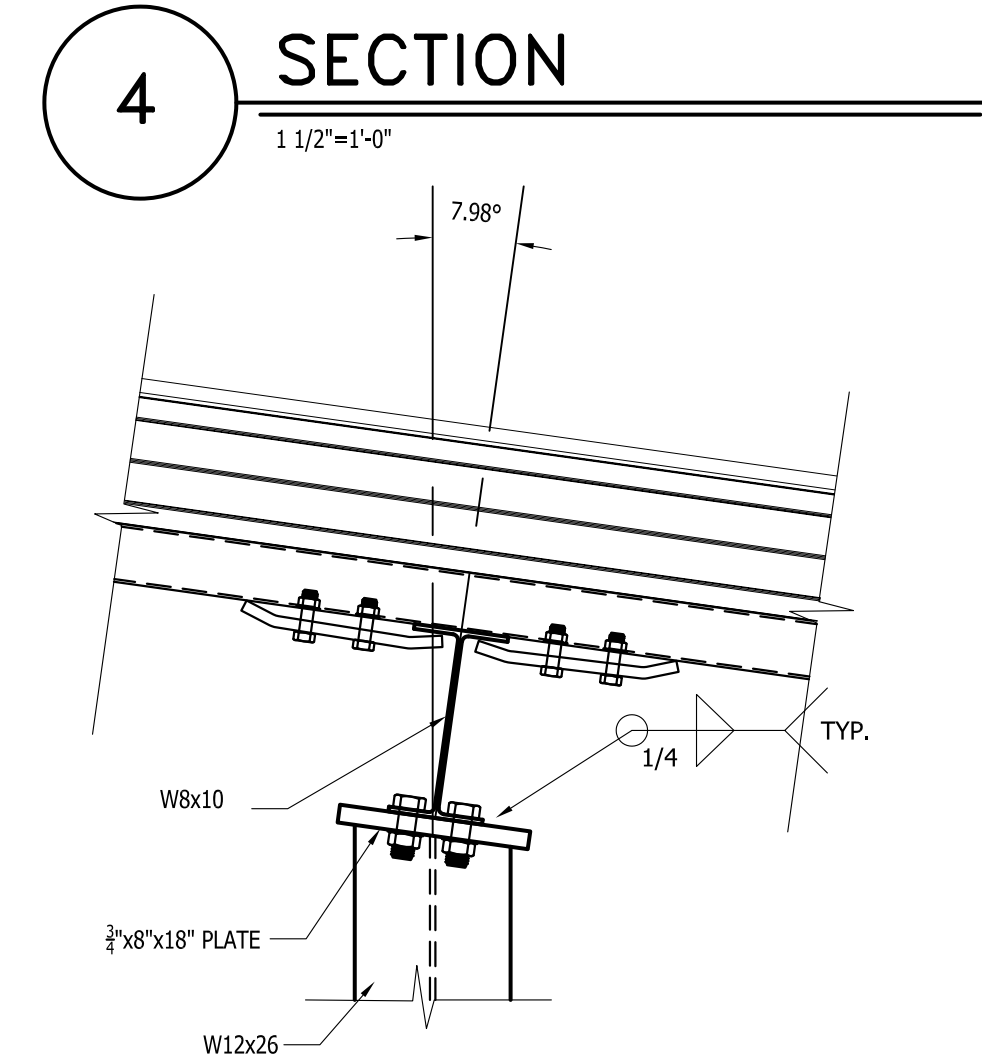
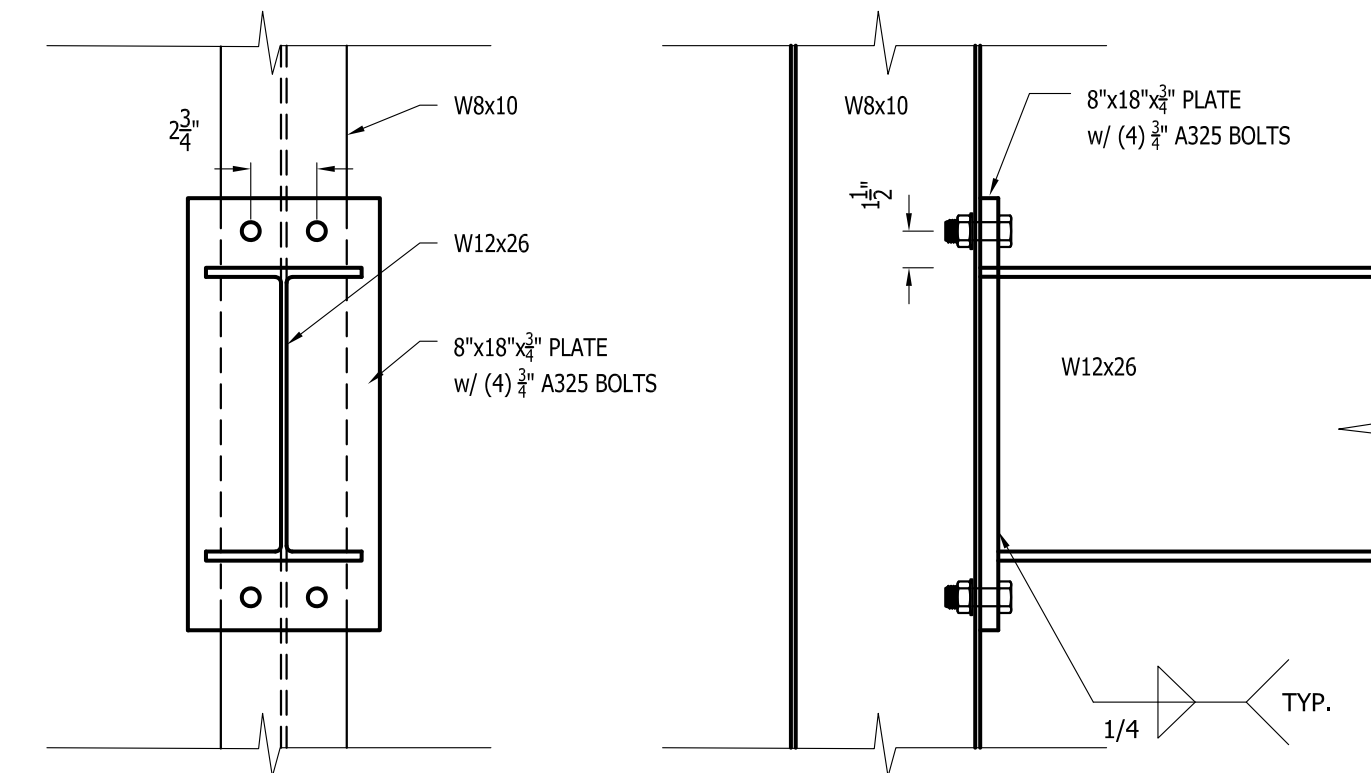
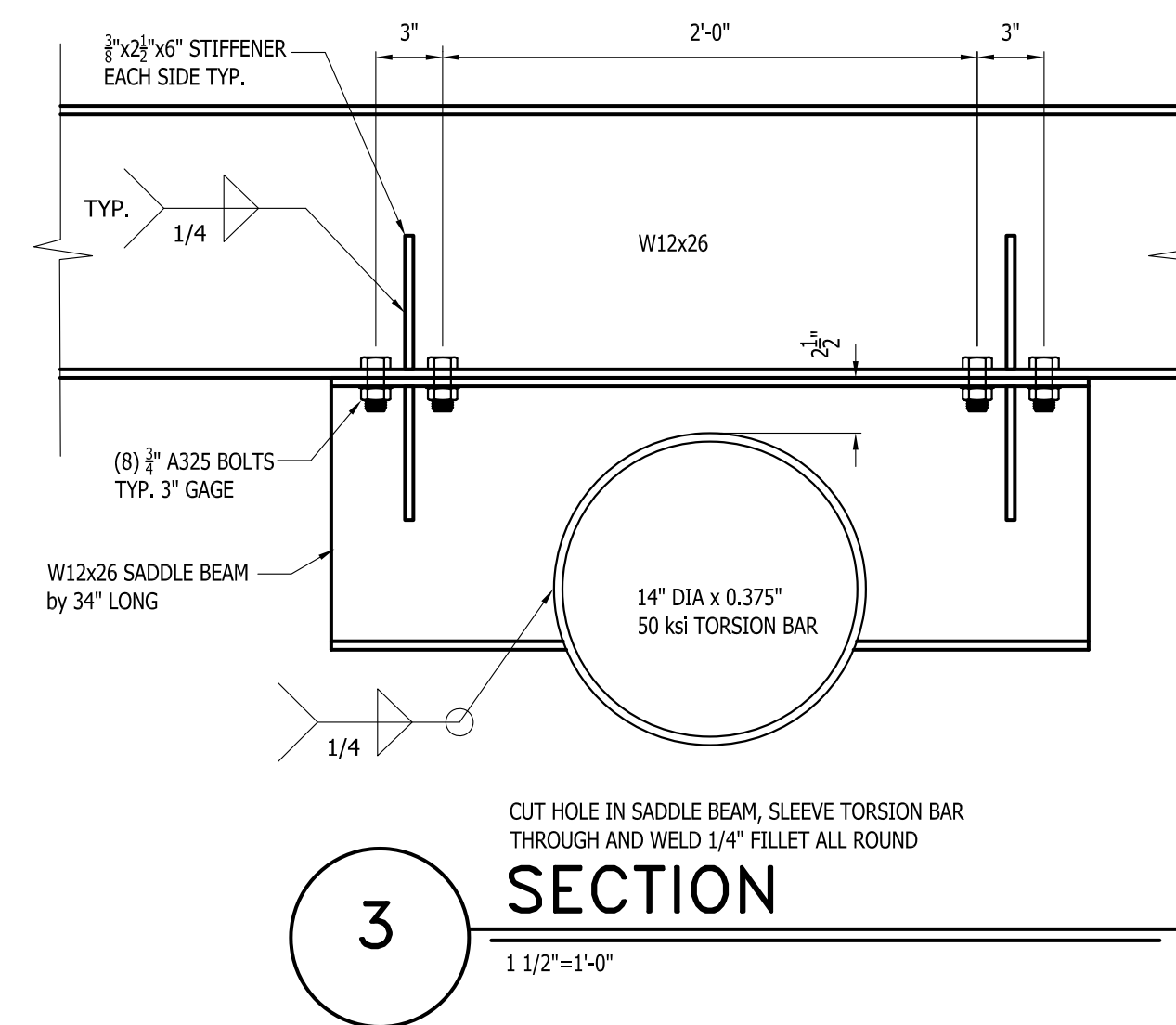
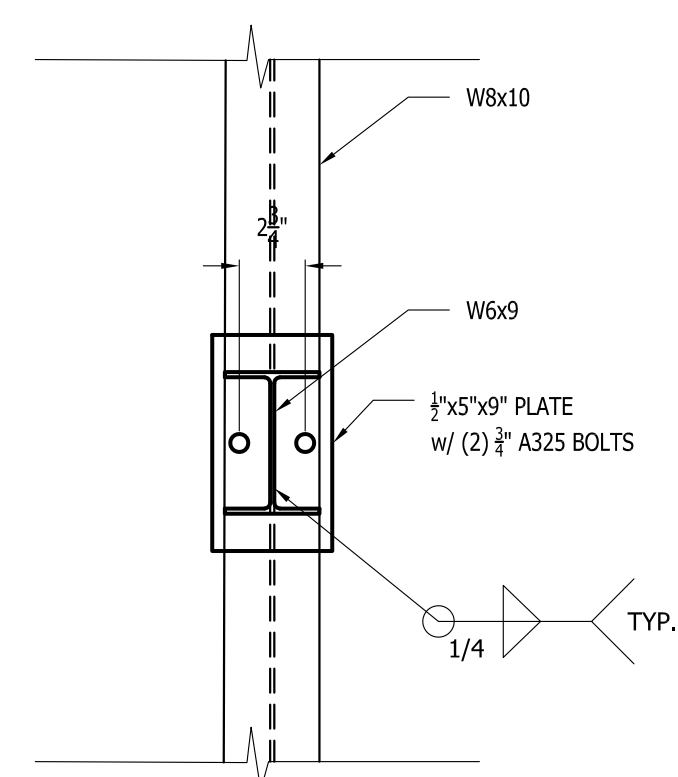
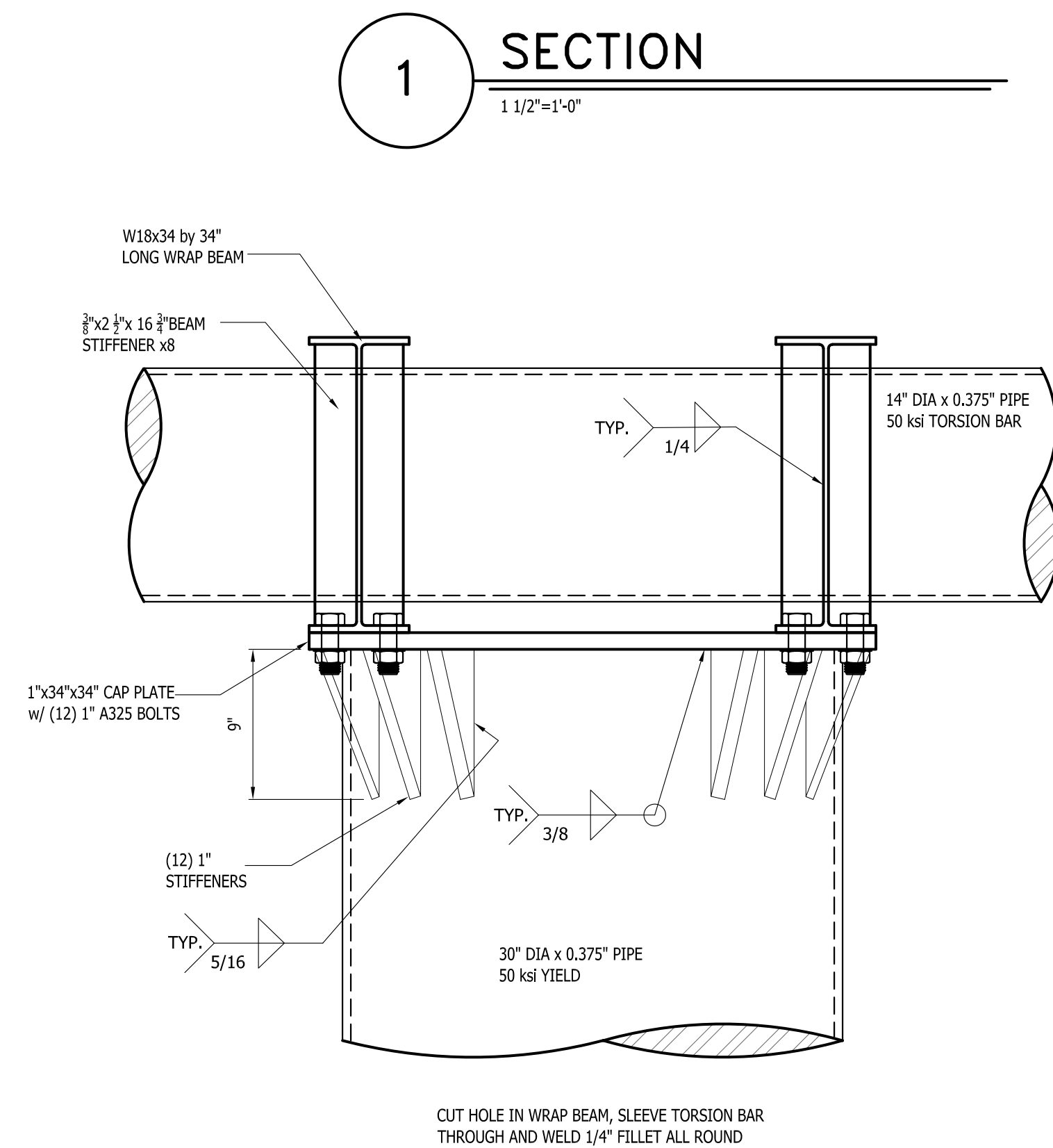
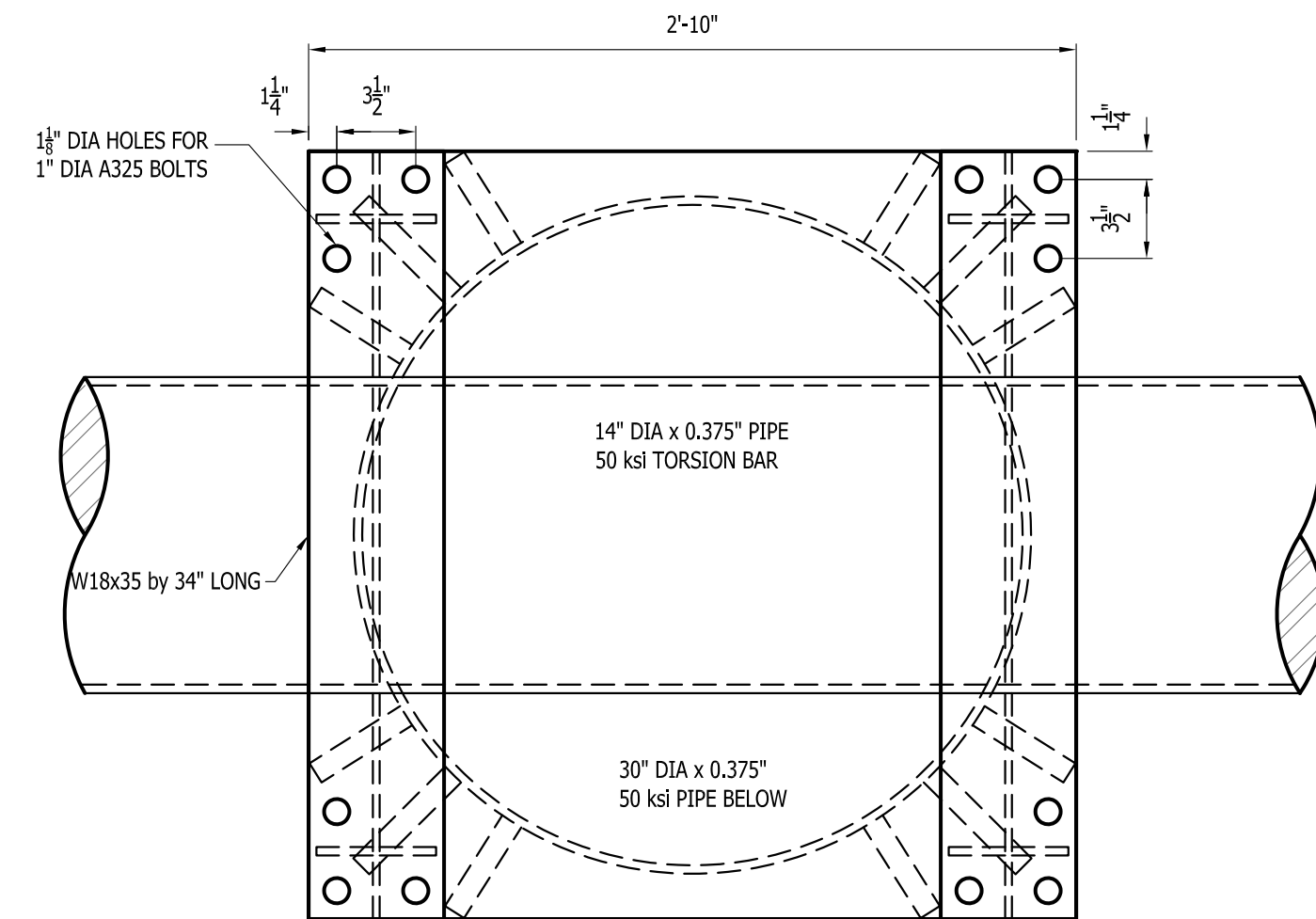
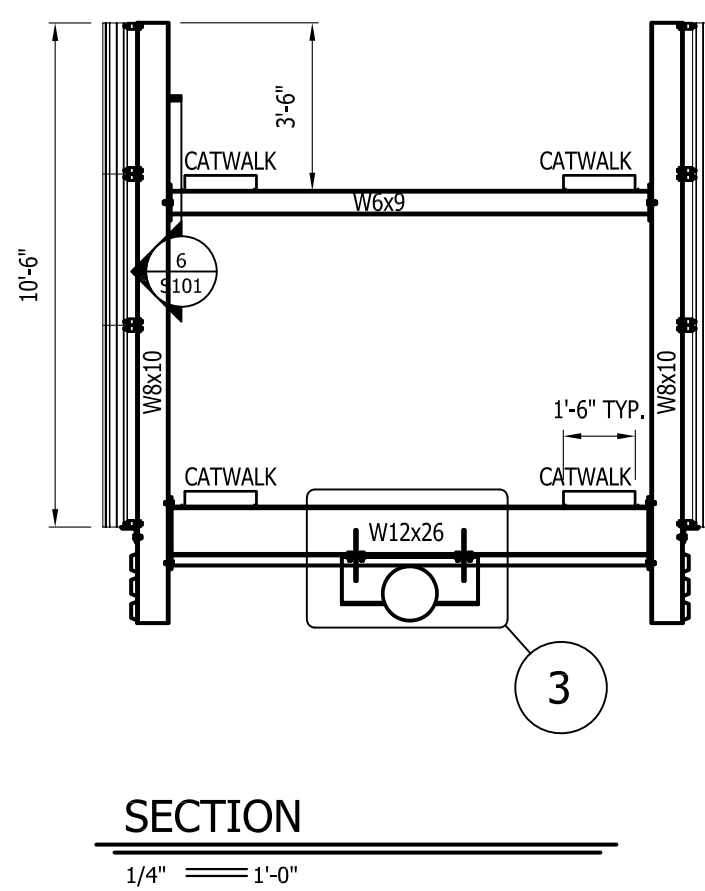
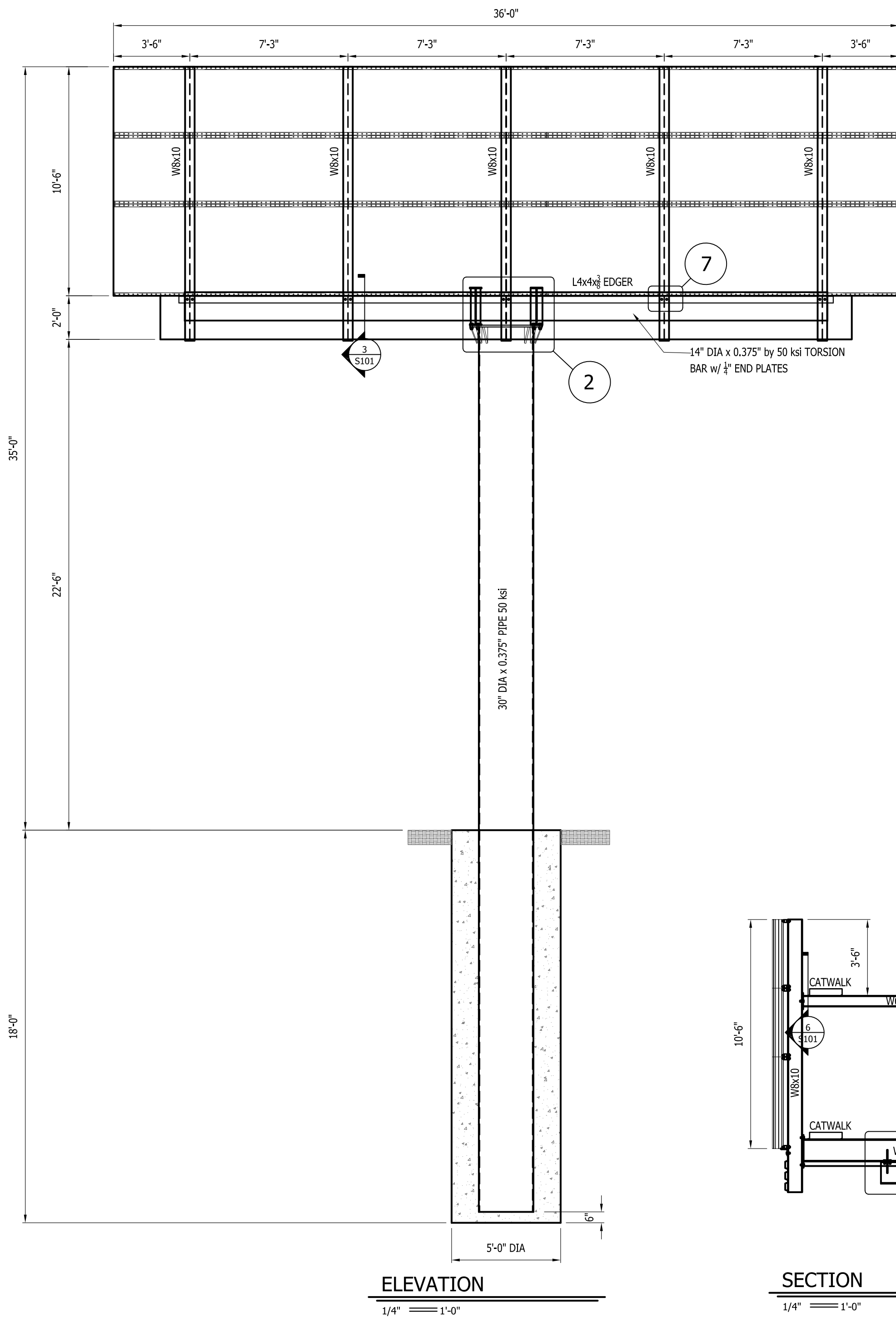
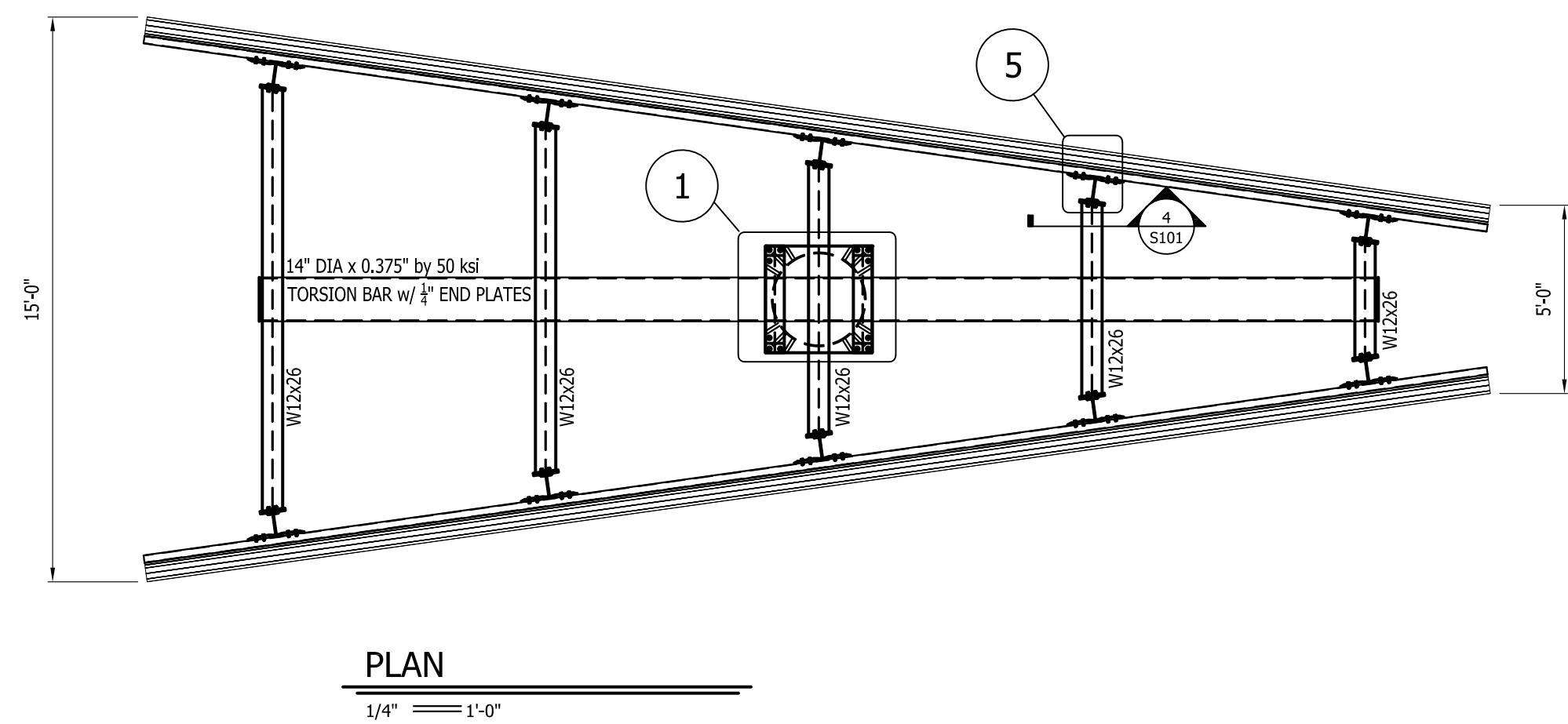




STRUCTURAL NOTES

CODES FBC 2020 7th EDITION
ASCE 7-16

BASIS OF DESIGN

THIS UNIT HAS BEEN DESIGNED TO SUPPORT TWO DIGITAL UNITS WEIGHING APPROX. 4,800 lbs. SUPPORTS MUST BE MOUNTED DIRECTLY TO UPRIGHTS

WIND SPEED.....	130 mph ULTIMATE
RISK CATEGORY.....	II
WIND IMPORTANCE FACTOR.....	0.85
WIND EXPOSURE.....	C
DESIGN WIND PRESSURE.....	61 psf ULTIMATE
	38 psf ASD

STRUCTURAL CONCRETE

CONCRETE SHALL BE IN ACCORDANCE WITH ACI MANUAL 315 AND STANDARD 318. CONCRETE SHALL BE OF REGULAR AGGREGATE AND SHALL HAVE DESIGN COMPRESSIVE STRESS AT 28 DAYS AS FOLLOWS:

CONCRETE COMPRESSIVE STRENGTH f'_c = 3,500 psi TYPICAL.
PROVIDE AIR ENTRAINED CONCRETE FOR CONCRETE EXPOSED TO WEATHER.

STRUCTURAL STEEL

STRUCTURAL STEEL SHALL BE IN ACCORDANCE AISC 360-10:

ALL STRUCTURAL.....	A992
MISC STEEL, CHANNELS, ANGLES, PLATES.....	A36
STEEL TUBING.....	ASTM A500 GRADE B
STEEL PIPE.....	ASTM A500 GRADE B
	ASTM A500 GRADE C
SHOP AND FIELD WELDS.....	E70XX ELECTRODES
BOLTS 3/4" OR 1" DIAMETER MIN FOR STRUCTURAL CONNECTION.....	A325

ALL THREAD BOLTS 1/2" DIAMETER MIN	A490
ANCHOR BOLTS (3/4" HEADED U.N.O.).....	A36 MIN
ALL WELDING SHALL BE IN ACCORDANCE WITH THE AMERICAN WELDING SOCIETY	F1554 GR.36

PRIME STRUCTURAL AND MISC. STEEL WITH MANUFACTURES STANDARD IRON OXIDE PRIMER. PRIMER SHALL BE COMPATIBLE WITH FINISH COAT OF PAINT WHEN PROVIDED.

REVIEWED

For Code Compliance
City of Ocala Growth Management

SPLM23-45176-Ocala
FedEx Billboard 07/03/23

FORMETCO

3085 Tennille Oconee Road
Tennille, GA 31089
Phone: (205) 535-0447

WES **WHISONANT
ENGINEERING
SERVICES, LLC**
122 Nut Tree Court
Lexington, South Carolina 29072
(803) 957-4008
Email: bill@weslex.com

STAMP: WILLIAM O. WHISMAN
LICENSE
No. 73020
STATE OF FLORIDA
PROFESSIONAL ENGINEER
4/10/23

INCORVAIA MEDIA
10'-6 x 36'-0" CM
AT 35'-0" O.A.H
OCALA, FL

MONO-POLE BILLBOARD

DRAWING TITLE:	
BILLBOARD	
SCALE:	<i>AS SHOWN</i>
PROJECT NO:	049X21
DATE:	4/10/23
DRAWN BY:	HVS
CHECKED BY:	WOW
SHEET NO:	

S101